

BHD STRUCTURAL CANTILEVER RACK

BHD

Storage Solutions

🌐 www.pallettrack.vn

☎ (84) 094 8087835

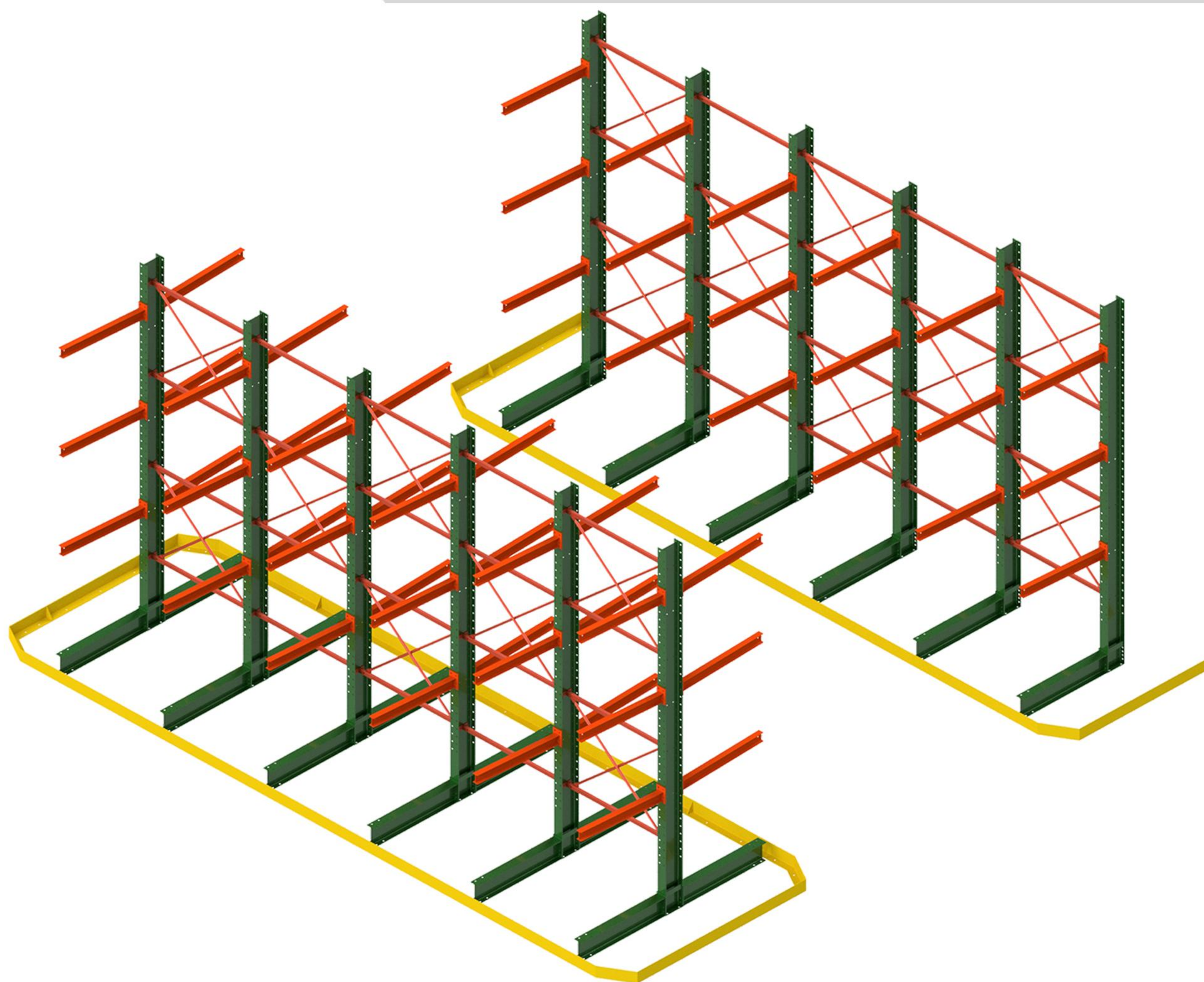
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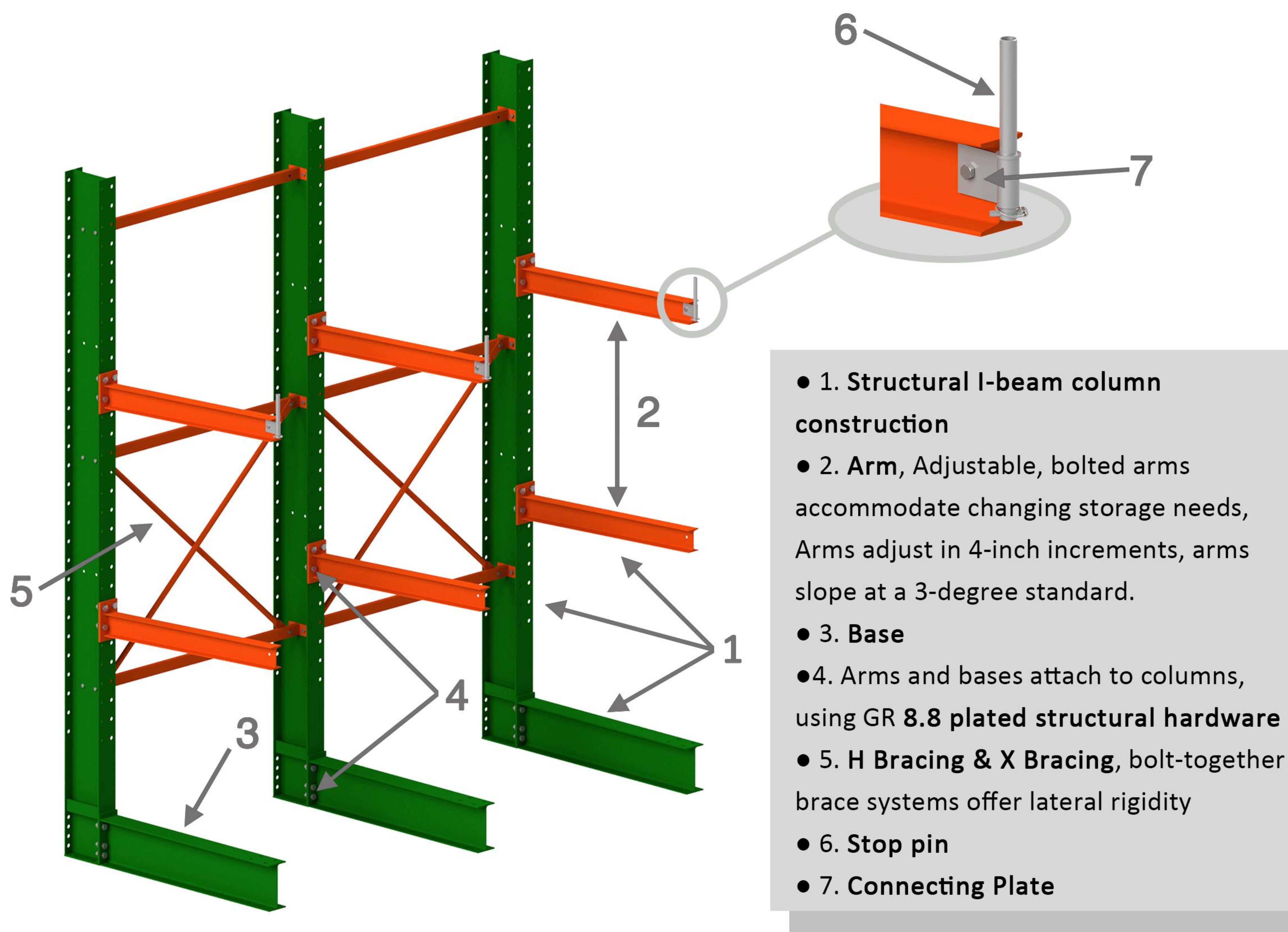
BHD STRUCTURAL CANTILEVER RACK

BHD Structural Cantilever Racks allow access from both sides. As the optimal storage solution for long or odd-shaped loads, cantilever racking easily holds furniture, lumber, tubes, fabric rolls, and pipes. The design reduces fork truck damage and allows for faster load and unload. BHD provides a wide selection of cantilever column heights up to 32 feet. Columns are constructed from high strength steel.

You can be confident that your products are safe and secure. All rack arms and columns are manufactured using wide flange beams, offering great strength and durability. As a result, our racks better resist damage from material handling equipment and provide larger load capacity within a given space.



BHD STRUCTURAL CANTILEVER RACK



Features

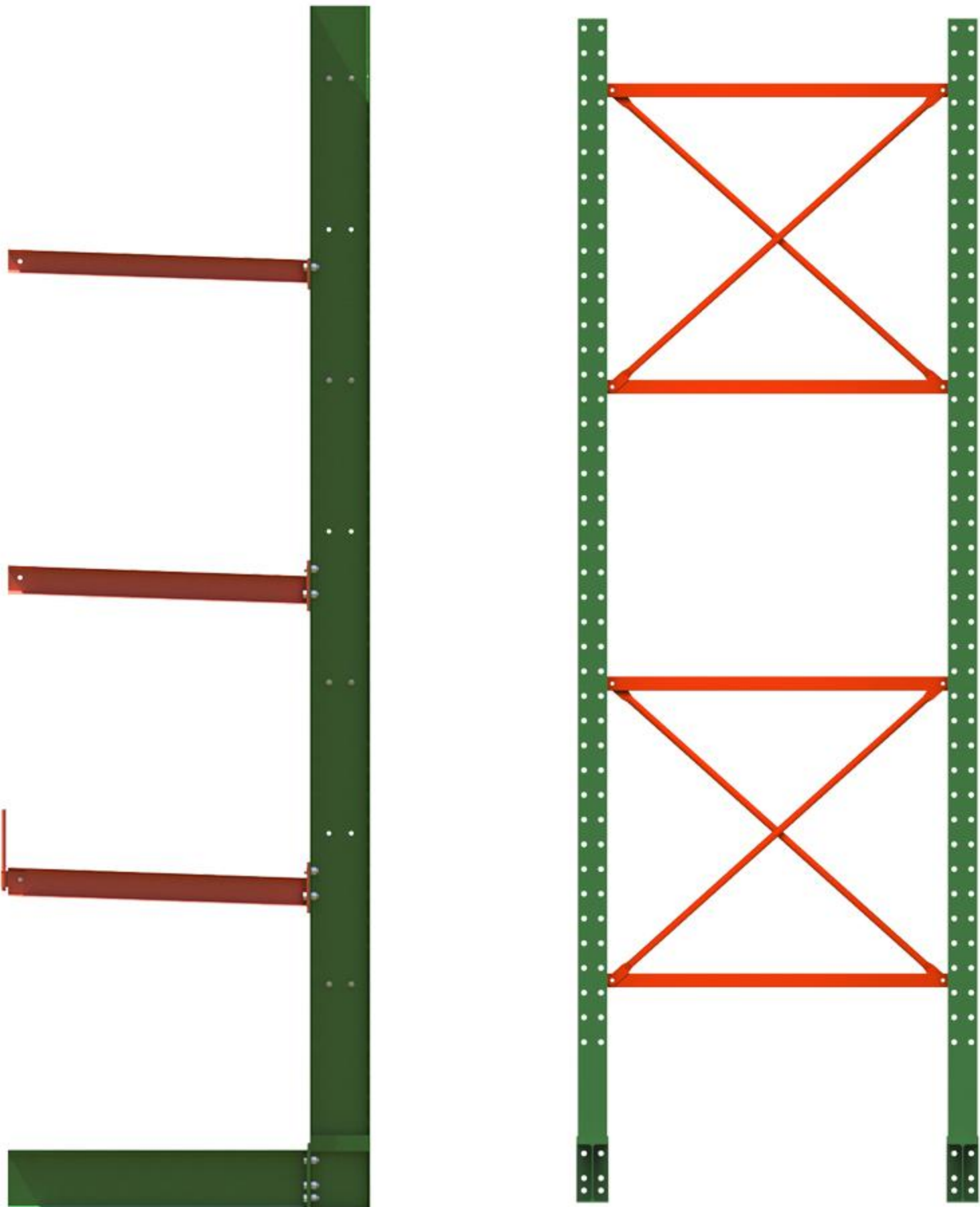
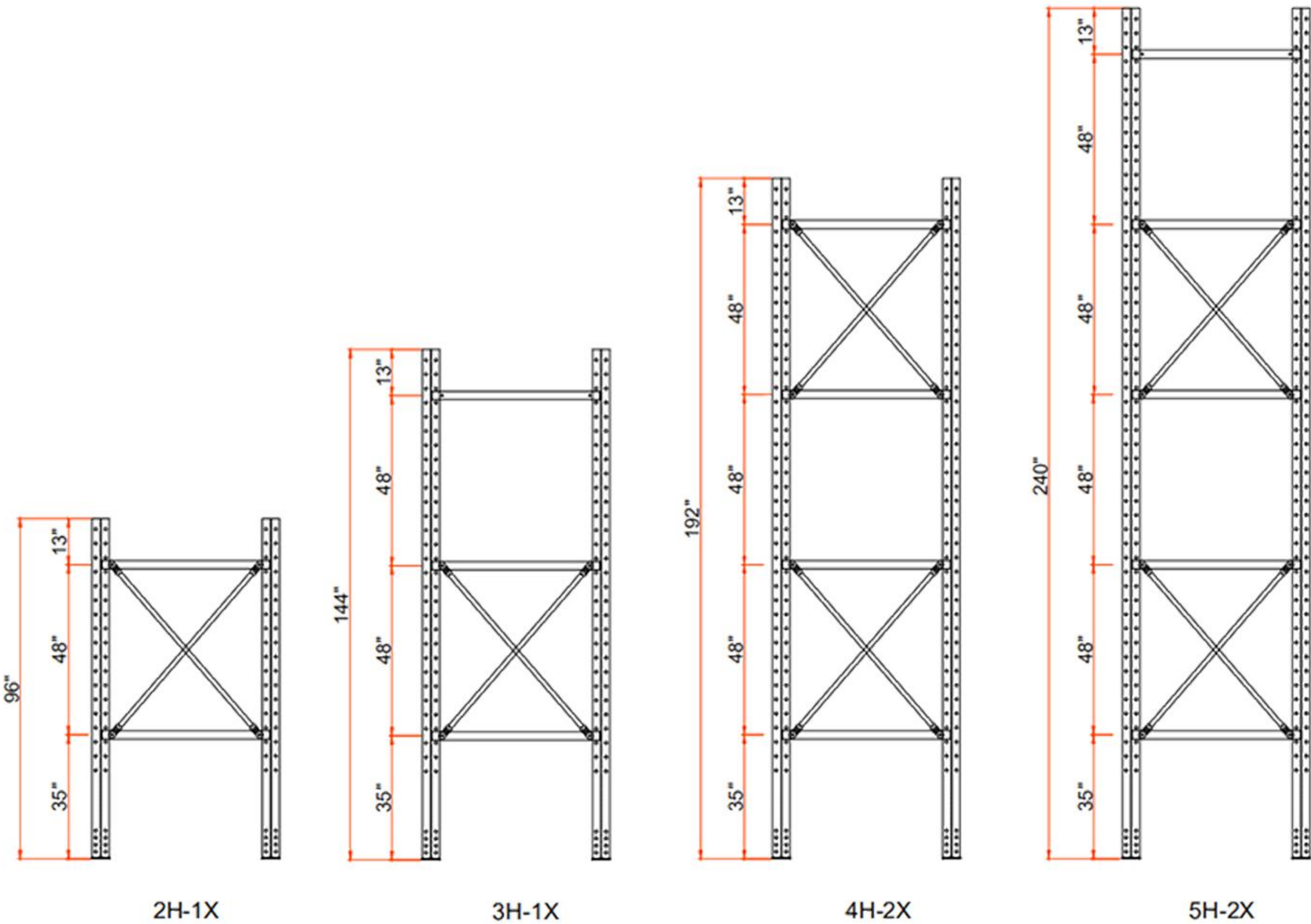
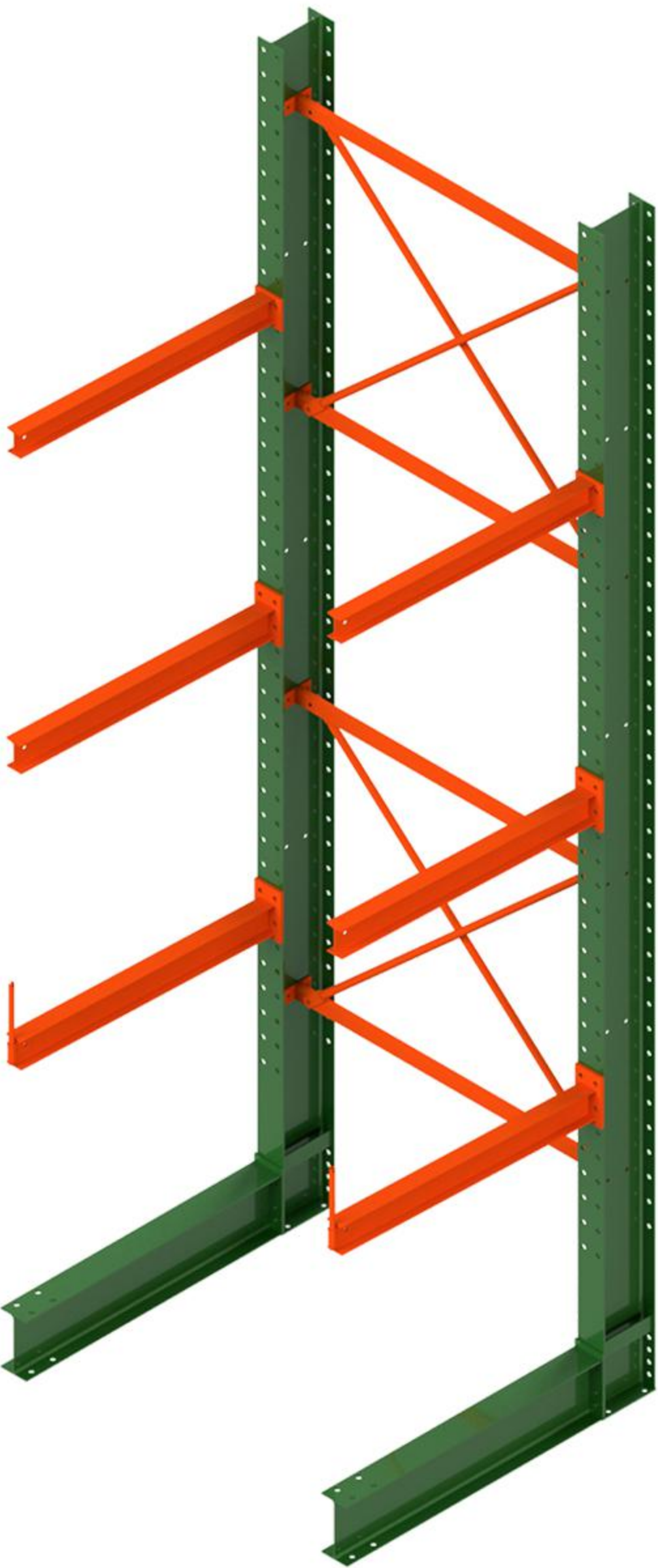
- The structural cantilever columns are manufactured using W9.7" section, and base section is the same as column section;
- Arms are produced using either light duty profile 4", or medium duty profile 4.7" or heavy duty profile 5.5";
- All cantilever columns are vertically adjustable on 4" centers;

STRUCTURAL CANTILEVER
CAPACITY TABLES

L _{arm} [in]	Static Capacity [lbs] Cantilever Column per Side			
	36"	40"	48"	60"
H _{Column}	W9.7			
8'	14,000	14,000	14,000	14,000
12'	13,000	13,000	13,000	12,000
16'	12,000	12,000	12,000	10,000
20'	12,000	12,000	11,000	8,300
24'	8,800	6,600	—	—
28'	5,720	—	—	—
Column height can be up to 32'				

L _{arm} [in]	Cantilever Arm Static Capacity [lbs]			
	36"	40"	48"	60"
Arm 4"	2600	2600	2300	—
Arm 4.7"	3300	3300	3300	2900
Arm 5.5"	3900	3900	3900	3900

NOTES:
Load capacities are based on AISC 14th ed. (LRFD), RMI 16.3 – 2016 with the followings:
"Non-Seismic" static loads - one-side only; for double-sided applications increase column capacity by a multiple of 2.
Uniformly distributed load over the full length of the arm/ LRFD Load Combination Applied per RMI.
Capacities further limited by deflection criteria of L/180 for cantilever arms; h/90 for cantilever columns.



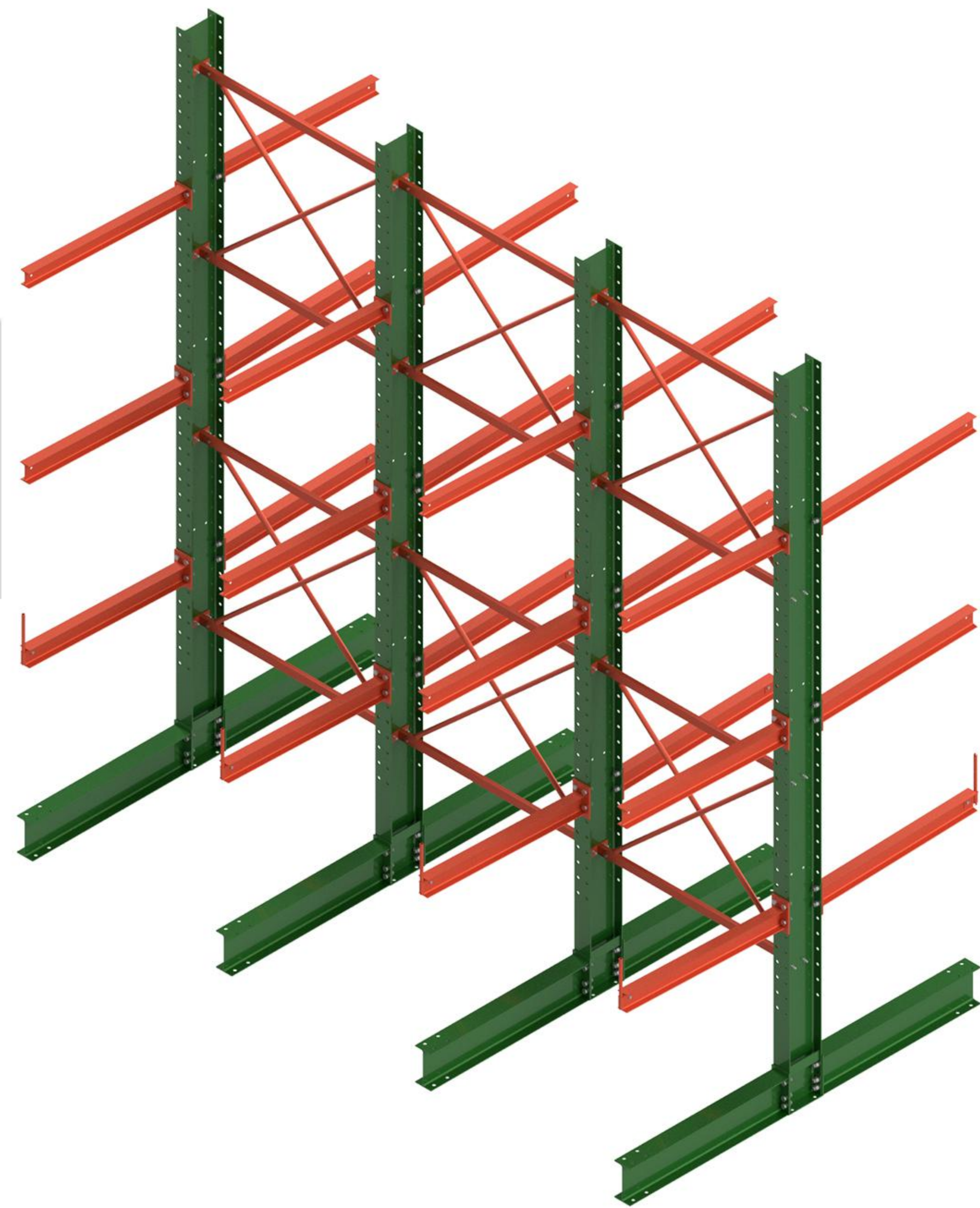
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Additional Features

- Modular design makes it easy to add more bays
- Columns and arms are bundled for easy installation and cost-effective shipping
- Load capacities: meet virtually any weight requirement. Typical systems support loads ranging from 1,000 pounds per individual arm up to 20,000 pounds per individual arm and higher.

Optional Features

- Single- and double-sided systems
- Narrow-aisle configurations with guardrails for side-load forklifts
- Stop pins for arms and bases -bolted



Powder Coat Color Options

Green
RAL 6000



Orange
RAL 2004



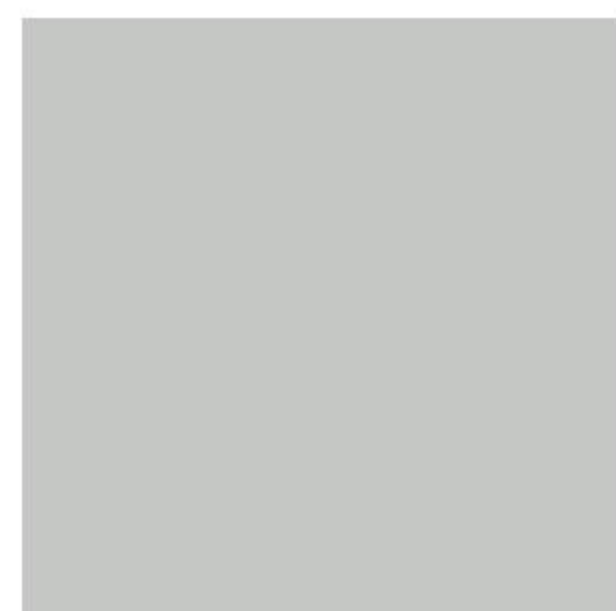
Blue
RAL 5013



Traffic Yellow
RAL 1023



Grey
RAL 7035



Standard Finish
• Powder Coated Finish

Options Finish
• Hot-dip galvanized Finish

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